
Robert Jilek: Pellion Technologies

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Jilek is currently with Pellion Technologies

Bob Jilek is currently spending part of his time in a management role at Pellion Technologies in the Cambridge area but still finds time to get into the lab where he focuses on electrolyte and cathode development. His current employer has set the goal of rapid commercialization of magnesium ion batteries which have the potential to significantly outperform lithium ion in both energy density and safety.

Jilek, after getting his Ph.D. from the University of Minnesota, was at the Lab for two and a half years as a postdoctoral fellow beginning in 2009. During that time he worked for the Materials Physics and Applications Division that included his preparation and characterization of thin films. While the work he was doing with uranium imido complexes and uranium carbide oxide and nitride thin films hasn't directly translated to his current position, he did feel his time at the Lab and working with its experts helped him become a well-rounded scientist.

During his time at the Lab, he was also a Seaborg Fellow through a program that seeks to further actinide research which is named after Glenn T. Seaborg, the Nobel Prize winning co-discoverer of 10 elements.

His research has been published in *Inorganic Chemistry*, *Chemistry of Materials*, *the Journal of the American Chemical Society*, and *Chemical Communications*.

For more information on Jilek, visit his [LinkedIn page](#).

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